SYSTEM FOR REGISTERING, LOCATING, AND IDENTIFYING NETWORK EQUIPMENT

ABSTRACT OF THE DISCLOSURE

The present invention is directed toward providing a system for registering, locating, and identifying network servers within a data center containing many such servers. Parallel and serial port couplers with an erasable, programable read-only memory are encoded with a unique ID number, and a label with a bar code corresponding to the ID number is affixed to each coupler. A server to be installed in a data center has an encoded coupler attached to one of its communication ports, and information related to that particular server is stored in a system database. Upon encountering a problem with a network server, the system displays the logical name of the server at issue. The location and identification information for the server are retrieved from the system database and displayed to a technician responsible for the server at issue. Using the displayed location information, the technician reads the label on the coupler connected to the suspected server and verifies that the ID number on the coupler matches the ID number displayed for the server requiring service.